UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG____ ELECTRIC LOGS____ FILE XX WATER SANDS____ LOCATION INSPECTED____ SUB. REPORT/abd.____

1-13-78 - Application terminated

DATE FILED 11-30-77

LAND: FEE & PATENTED STATE LEASE NO. ML-3141-A PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 11-28-77

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 1-13-78 - L.A. Location Abandoned

FIELD: NATURAL BUTTES 3/86

UNIT: NATURAL BUTTES UNIT

COUNTY: UINTAH

WELL NO. NATURAL BUTTES UNIT #6 API NO: 43-047-30336

LOCATION 1223 FT. FROM XX (S) LINE. 1231 FT. FROM XX (W) LINE. NW SW SW ¼ - ¼ SEC. 16

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	21E	16	CIG EXPLORATION INC.

Application terminated - ~~P&A~~
1-13-78

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned
Card Indexed ✓

Checked by Chief
Approval Letter ✓
Disapproval Letter

COMPLETION DATA:

[illegible]te Well Completed
[illegible] TA
[illegible] CS PA

Location Inspected
Bond released
State or Fee Land

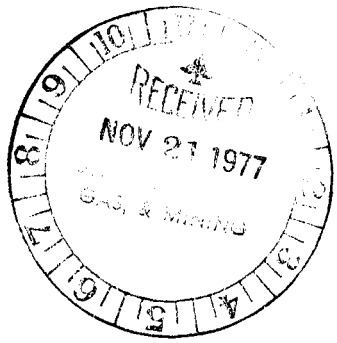
LOGS FILED

Driller's Log
Electric Logs (No.)
E I Dual I Lat GR-N Micro
BHC Sonic GR Lat Mi-L Soni[illegible]
CBLog CCLog Others

6-23-92 ltr

CIG Exploration, Inc.
A Subsidiary of Coastal States Gas Corporation
2100 PRUDENTIAL PLAZA • P.O. BOX 749 • DENVER, COLORADO 80201 • (303) 572-1121

November 18, 1977



Mr. Pat Driscoll
State of Utah
Department of Natural Resources
Division of Oil & Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Driscoll:

Re: 1231' FWL 1223' FSL
Section 16, T9S, R21E
Uintah County, Utah

Please find enclosed our Application to Drill (in triplicate) CIGE 6-19-9-21, which is located as stated above.

The above location was permitted and approved as CIGE 3-16-9-21 (Permit No. 43-047-30244) on November 2, 1976. We respectfully request that this Application be cancelled without prejudice, and that our enclosed Application - CIGE 6-16-9-21 be substituted and approval re-issued.

Very truly yours,

Margaret J. Dominy

Margaret J. Dominy
Associate Production Analyst

MJD/pm

xc: Mr. Bill Martins - U.S.G.S.
Mr. J. A. Short

FORM OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

13

THE STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
P.O. BOX 749 - DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1231' FWL & 1223' FSL - SECTION 16, T9S, R21E
NE SW SW
At proposed prod. zone
SAME AS ABOVE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
APPROXIMATELY 8 MILES SOUTHEAST OF OURAY, UTAH

5. LEASE DESIGNATION AND SERIAL NO.
ML-3141-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES UNIT

9. WELL NO.
6

10. FIELD AND POOL, OR WILDCAT
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 16, T9S, R21E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
1223'	40	N/A
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
N/A	7,100'	ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4825 UNGR. GR.

22. APPROX. DATE WORK WILL START*
JANUARY 23, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 SX
7-7/8"	4-1/2"	11.6#	7,100'	AS REQUIRED TO COVER PAY ZONE

SEE ATTACHED SUPPLEMENTS FOR ADDITIONAL INFORMATION:

1. BOP PROGRAM
2. BOP SCHEMATIC
3. PLAT
4. SURFACE USE PLAN
5. PROPOSED GAS WELL PRODUCTION HOOKUP

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 11/28/77
BY: C.B. Feight

RECEIVED
NOV 21 1977
DIVISION OF OIL, GAS & MINING

(DETAIL OF HOOKUP WILL FOLLOW ON SUNDRY NOTICE).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED Frank R. Midkiff F.R. MIDKIFF TITLE DISTRICT SUPERINTENDENT DATE November 18, 1977

(This space for Federal or State office use)

PERMIT NO. 43-047-30336 APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

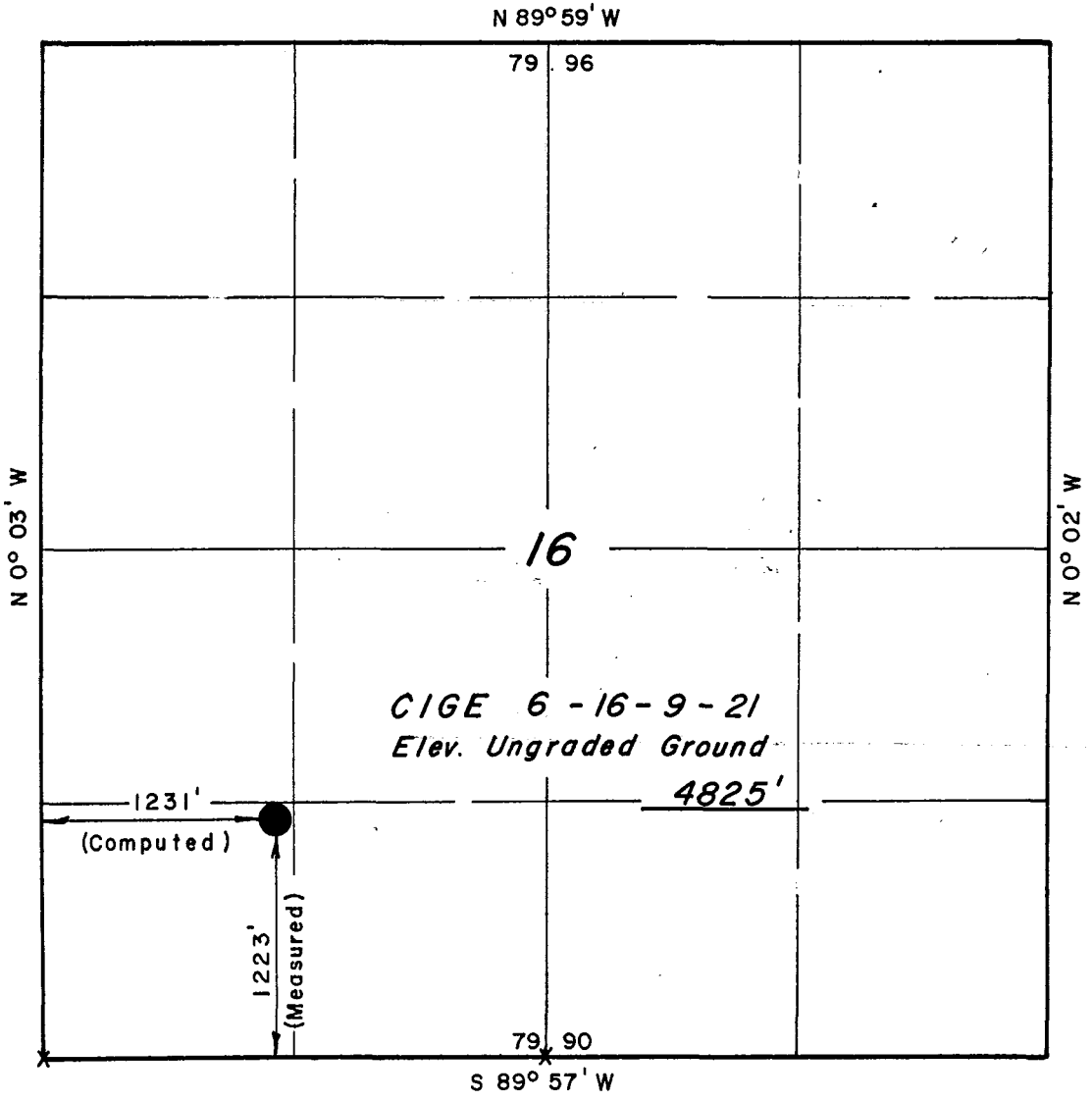
*See Instructions On Reverse Side

T 9 S, R 21 E, S.L.B.&M.

PROJECT

CIG EXPLORATION, INC.

Well location, CIGE 6-16-9-21, located as shown in the SW 1/4 SW 1/4, Section 16, T 9 S, R 21 E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

REVISED 11/15/77
Revised 10/25/76

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10 / 19 / 76
PARTY N.J.M. B.W. B.F.W	REFERENCES GLO Plat
WEATHER Cool & Fair	FILE CIG EXPLORATION, INC.

Open

(Submit in Triplicate)

U. S. GEOLOGICAL SURVEY
RECEIVED
DEC 22 1976
CASPER, WYOMING

DESIGNATION OF AGENT

Supervisor, Oil and Gas Operations:

The undersigned is, on the records of the Geological Survey, Unit Operator under the Natural Buttes unit agreement, Uintah County, Utah (state), No. 14-08-0001-8900 approved January 5, 1968 and hereby designated:

NAME: CIG Exploration, Inc.

ADDRESS: P. O. Box 749, Denver, Colorado 80201

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing, and completing unit well No. 28, in Section 16 : ~~SW/4~~ SWSW, T. 9S., R. 21E., Uintah County, Utah.

It is understood that this designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The Unit Operator agrees promptly to notify the oil and gas supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above-specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate district office of the U.S. Geological Survey a completed file of all required Federal reports pertaining to subject well. It is also understood that this designation of agent is limited to field operations and does not cover administrative actions requiring specific authorization of the Unit Operator.

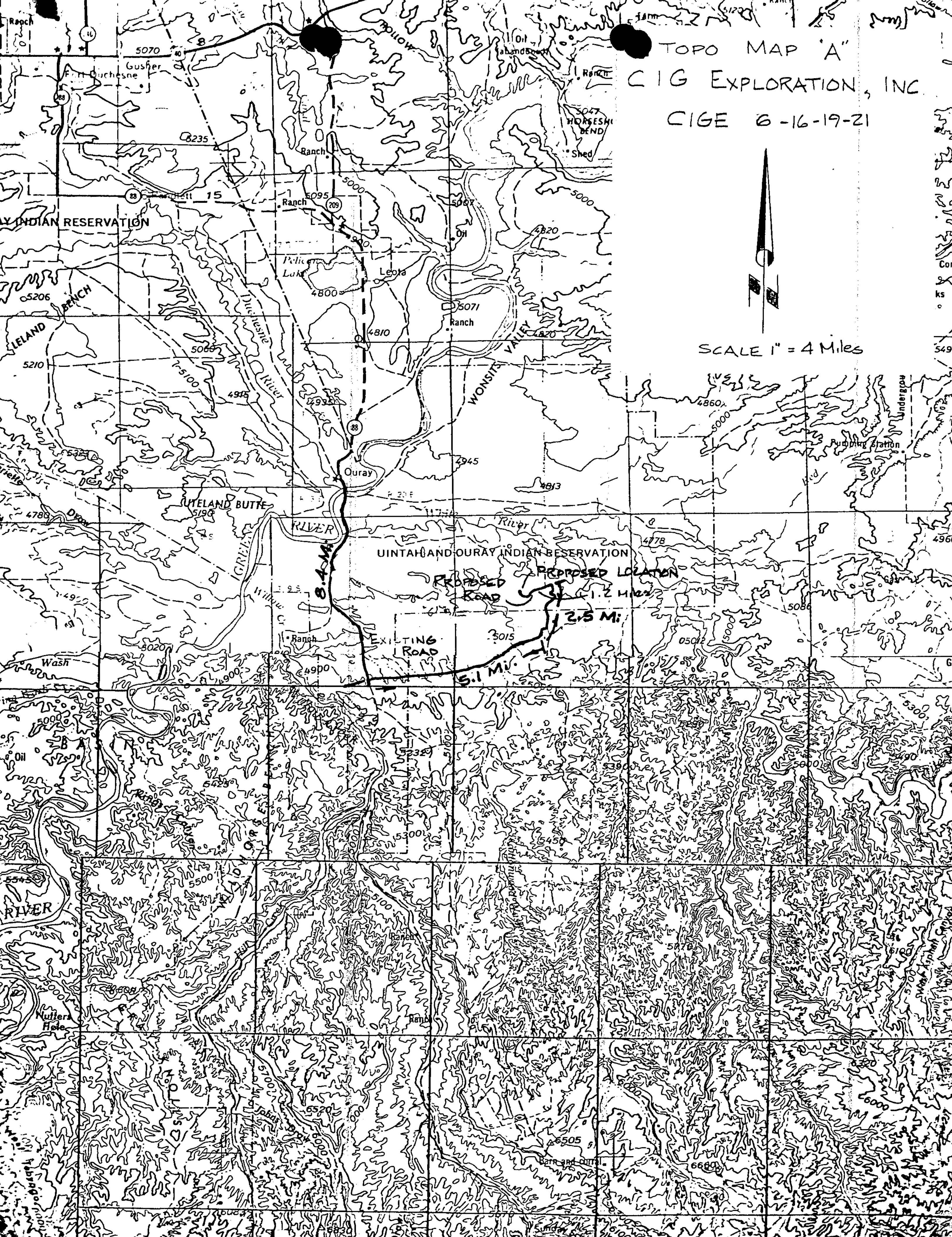
ACCEPTED DEC 29 1976
E. W. Lighton
Acting Area Oil & Gas Supervisor
Geological Survey
Casper, Wyoming

GAS PRODUCING ENTERPRISES, INC.
Unit Operator

Approved
By
Legal Dept

Dec. 21, 1976

By: C. O. Martin
Vice President


TOPO MAP "A"
CIG EXPLORATION, INC.
CIGE 6-16-19-21
SCALE 1" = 4 Miles
PROPOSED LOCATION
PROPOSED ROAD
1.2 Miles
2.5 Mi.
EXISTING ROAD
5.1 Mi.
8.4 Mi.
UINTAH AND OURAY INDIAN RESERVATION
Ouray
Leota
Pelican Lake
Fort Duchesne
Gusher
Randlett
WONSITS VALLEY
HORSESHOE BEND
UTELAND BUTTE
LELAND BENCH
GREEN RIVER
White River
Duchesne River
Pumping Station
Ranch
Oil
Shed
Nutters Hole
Barn and corral

BLOWOUT PREVENTER PROGRAM:

Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing precedures and testing frequency.

Bottom:	3000# BOP W/4-1/" pipe rams. 3000# BOP W/blind rams 3000# Hydril
Top:	Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

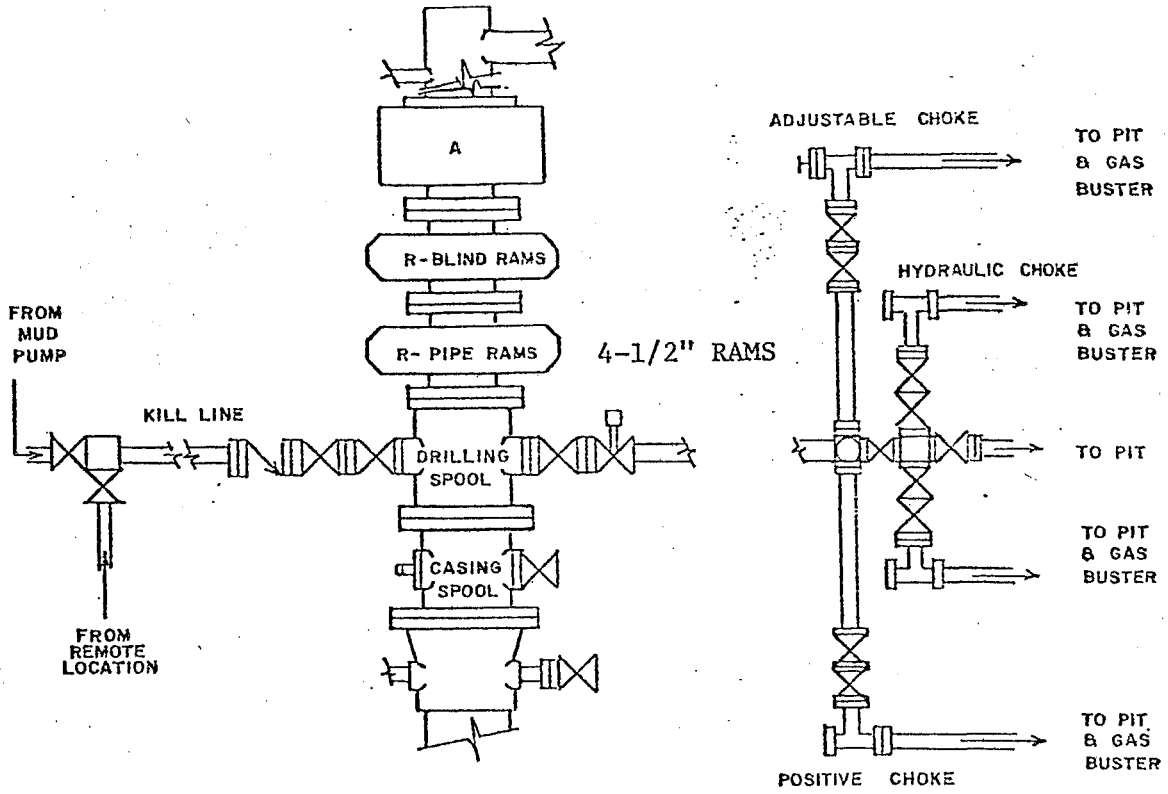
The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quanities and types of mud and weighting material to be maintained:

The well will be drilled with fresh water mud from surface to 5090' with a weight of 8.5 to 8.9 ppg. From 5090' to total depth the well will be drilled with fresh water mud with a weight from 8.7 to 10.4 ppg.

Auxiliary equipment to be used:

a. kelly cock
b. monitoring equipment on the mud system
c. a sub with a full opening valve will be available on the floor to stab into the drill pipe when the kelly is not in the string.

3000 psi psi Working Pressure BOP's



Test Procedure

1) Flush BOP's and all lines to be tested with water.
2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
3) Test the following to rated pressure:
   a) inside blowout preventer
   b) lower kelly cock
   c) upper kelly cock
   d) stand pipe valve
   e) lines to mud pump
   f) kill line to BOP's
4) Close and test pipe rams to rated pressure.
5) Close and test Hydril to rated pressure.
6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
7) Test all choke manifold valves to rated pressure.
8) Test kill line valves to rated pressure.

C I G EXPLORATION

13 Point Surface Use Plan

for

Well Location

C.I.G.E. #6-16-9-21

Located In

Section 16, T9S, R21E, S.L.B. & M.

Uintah County, Utah

C I G Exploration
C I G E # 6-16-9-21
Section 16, T9S, R21E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach GIG Exploration, well location, #6-16-9-21, located in the NE 1/4 SW 1/4 Section 16, T9S, R21E, S.L.B. & M. Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209 - 7 miles more or less to the junction of this highway and Utah State Highway 88; proceed South along Utah State Highway 88 - 10 miles to Ouray, Utah; proceed on South along a county road 8.4 miles towards Seep Ridge to its junction with a dirt service road to the East; proceed Easterly along this service road 5.1 miles to the junction of this road and a dirt road to the North; proceed North along this dirt road 2.5 miles to the point the planned access road leaves this road and will be discussed in item #2.

There is no anticipated construction on any of the above described road. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling of this well and the production of such if production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road in the SE 1/4 NW 1/4 of Section 16, T9S, R21E, S.L.M. and proceeds in a Southwesterly direction 1.4 miles to the CIG Exploration #6-16-9-21 location site in the SW 1/4 of Section 16, T9S, R21E, S.L.M.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met.

This proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

2. PLANNED ACCESS ROAD - continued

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access end and the outlet end.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain this road traverses is along the bottom of a small valley that extends in a Westerly direction and is vegetated with sparce amounts of sagebrush, rabbit brush, grasses and cacti.

3. LOCATION OF EXISTING WELLS

There are no CIG Exploration wells within a one mile radius of this location. (See topographic Map "B".) For the exact location of this well in Section 16, T9S, R21E, S.L.B.M. see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are other CIG Exploration batteries and production facilities, oil gathering lines, gas gathering lines, injection and disposal lines within a one and a half mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The proposed Gas Flowline will be on an 18' right-of-way immediately adjacent to the North of and to follow the planned access road discussed in Item #2 until it reaches the existing Gas well in the SE /14 NW 1/4 Section 16, T9S, R21E, S.L.B.M. (See topographic Map "B".)

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINE

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for drilling and production of this well will be hauled by truck from an existing well location in the SE 1/4 NE 1/4 of Section 16, T9S, R21E, S.L.B.M. approximately 20.5 road miles.

In the event that the above source is not used, the water will be hauled by truck utilizing the roads described in Item #1 and #2, from the White River South of Ouray, Utah a distance of 18.5 road miles.

All regulations and guidelines will be followed and no diviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before back-filling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached location layout sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and other type material necessary to make it safe and tight.

9. WELL SITE LAYOUT - continued

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet & Item No. 9.) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in trash pit shall be buried with a minimum of 5' of cover. Reserve pits will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manag when the moisture content of the soil is adequate for germination. The Lessee further convenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workman-like manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A".)

The area slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is inerlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring run-off and extremely heavy rain storms of long duration. This type of storm is of an extremely rare nature as the normal annual precipitation is only 8".

All the drainages in the immediate area are non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uintah Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from the Eocene epoch and Quaternary Epoch (Gravel surfaces). It consist of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels.

The top soils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) type soil, with outcrops of solid rock (sandstone).

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations, it consist of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti and large areas of bare soils devoid of any growth.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents.

11. OTHER INFORMATION - continued

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

Topography of the Immediate Area (See Topographic Map "B".)

CIGE # 6-16-9-21 location sets at the base of a ridge and extends downward from some low hills to the Southwest through the location into a relatively flat basin area Northeast of the proposed location site and a small non-perennial drainage is situated to the Northeast of the site.

The geologic structure of the location is of the Uintah formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the southwest throught the location to the Northeast at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site, (see Topographic Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Frank R. Midkiff
CIG Exploration, Inc.
P.O. Box 749
Denver, Colorado 80201

TELE: 303-572-1121

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by CIG Exploration, Inc., and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it approved.

11-18-77
Date

Frank R. Midkiff
Frank R. Midkiff
District Supervisor

PROPOSED ROAD

⑨ El 25.77 C-3.77

⑧ El 23.05 C-1.05

① El 23.15 C-1.99

② El 31.44 C-9.44

STORAGE FOR MASSIVE FRACTURE TREATMENT - TANKS AND EQUIPMENT 33,750 Ft² 150 x 225'

STA 0+00

225'

STA. 1+50

175'

STA. 3+00

STA. 4+50

TRAILER

FUEL

TOILET

PARKING

PIPE RACKS

DOGHOUSE

WATER

RIG

El 24.7 C-2.1

MUD PUMPS

HOPPER

150' MUD HOUSE

LIGHT PLANT

TOOLS

FUEL

STORAGE

⑩ El 27.45 C-0.45

150'

⑦ El 20.73 F-1.27 CATWALK

150'

50'

⑪ El 22.0 GRADE

150'

⑥ DATA UNIT

PUMP

MUD TANK

PUMP

El 20.41 F-1.59

⑤ El 24.41 C-2.41

This Side to Be Used for Well Overflows & Fluids

③ El 20.6 F-1.4

④ El 20.5 F-1.5

Flat Area - Sagebrush & Grass

CIG EXPLORATION, INC.

CIGE 6-16-9-21

LOCATION LAYOUT

RESERVE PIT

TO BE FENCED

8' DEPTH - PIT UNLINED

APPROX. ℄ WASH

OVERHEAD FLAGGING TO BE INSTALLED

FRESH WATER SIDE

OVERFLOW WITH SCREENS

25' x 25' TRASH PIT TO BE FENCED

WIND DIRECTION EAST

SCALE 1" = 50'

SOILS LITHOLOGY

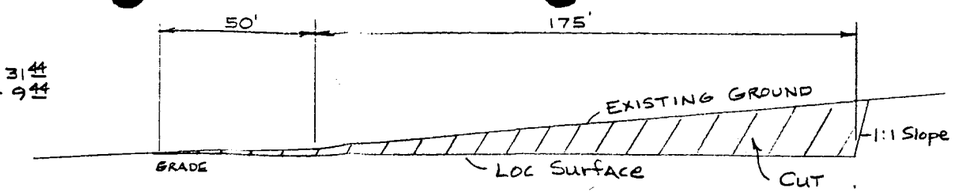
At Test Hole - No Scale

6" Sand and areas With Clayey Sand

APPROX. YARDAGE

CUT = 5,179.50 Cu Yds.

FILL = 716.15 Cu. Yds.



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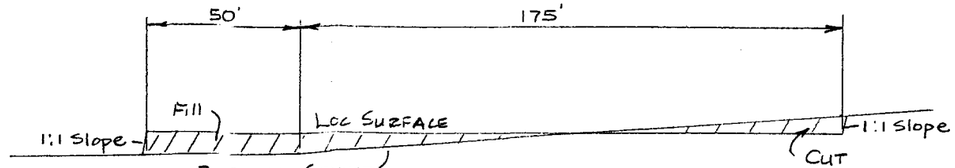
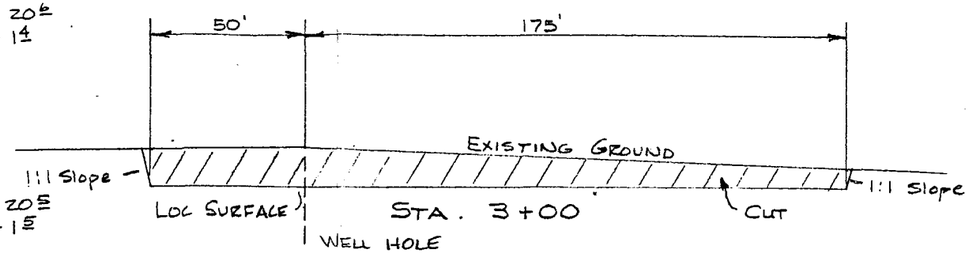
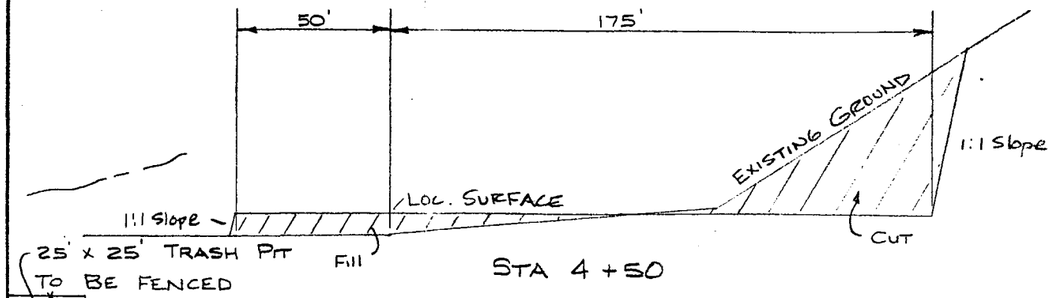


STA. 1+50





STA 4+50

CROSS SECTIONS

SCALE

1" = 50'

TOPO MAP "B"
CIG EXPLORATION, INC.
CIGE 6-16-19-21

SCALE: 1" = 2000'

WHITE RIVER

WATSON

Molly's Nipple

Cottonwood Wash

PROPOSED FLOWLINE

PROPOSED WELL LOCATION

PROPOSED ACCESS ROAD

0.5 MILES

EXISTING ROAD

Gas Well

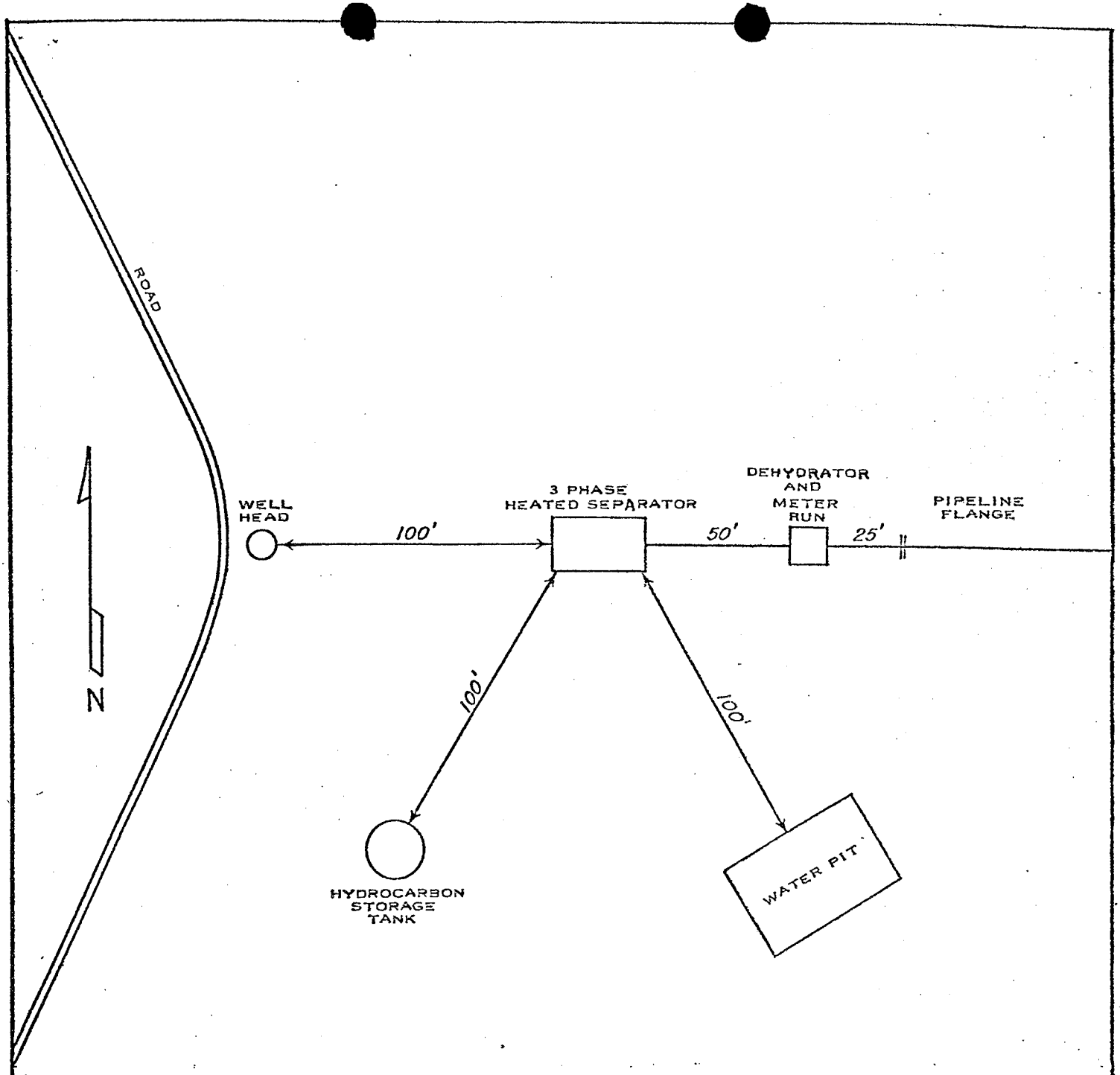
PIPELINE

JEEP TRAIL

BOUNDARY

OLD INDIAN TREATY BOUNDARY

OURAY, UTAH 21½ Miles



COLORADO INTERSTATE GAS EXPLORATION
DENVER, COLORADO

CIGE 6-16-9-21 - NATURAL BUTTES UNIT
SECTION 16, T9S, R21E
UINTAH COUNTY, UTAH.

PROPOSED GAS WELL PRODUCTION HOOKUP

BLOWOUT PREVENTER PROGRAM:

Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing precedures and testing frequency.

Bottom:	3000# BOP W/4-1/" pipe rams 3000# BOP W/blind rams 3000# Hydril
Top:	Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

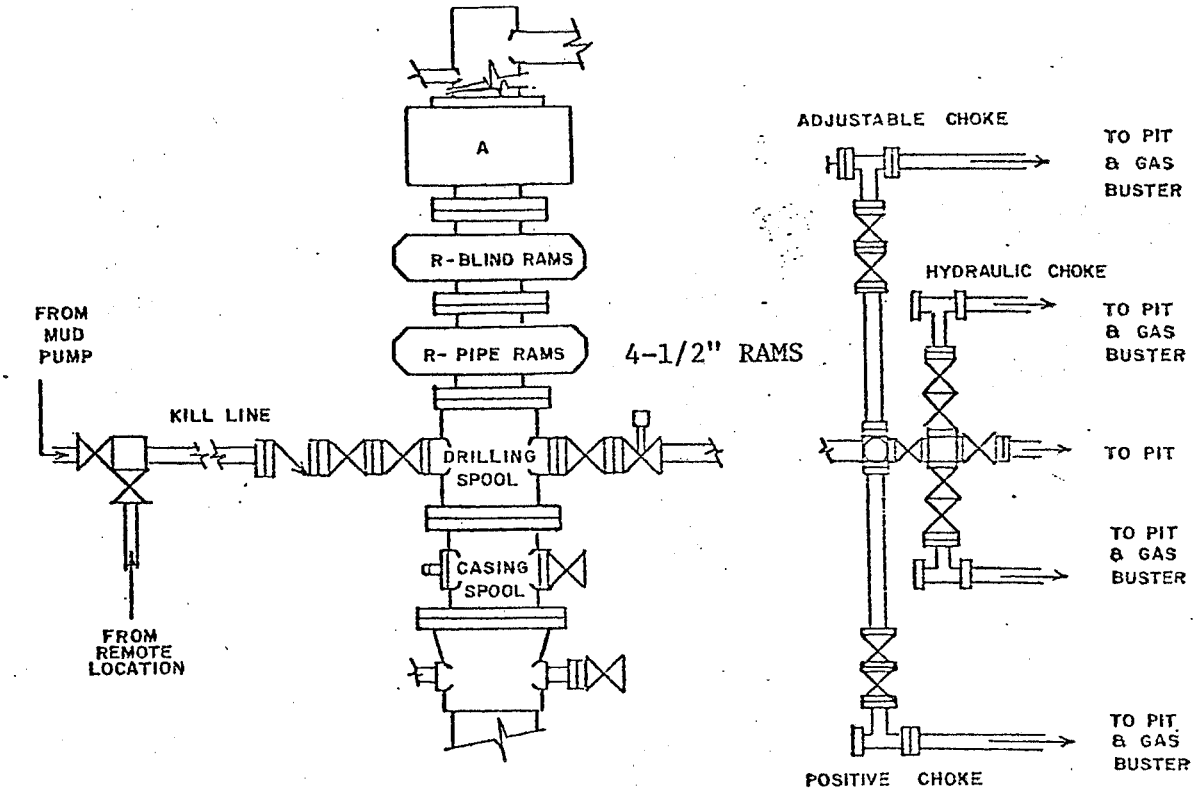
The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quanities and types of mud and weighting material to be maintained:

The well will be drilled with fresh water mud from surface to 5090' with a weight of 8.5 to 8.9 ppg. From 5090' to total depth the well will be drilled with fresh water mud with a weight from 8.7 to 10.4 ppg.

Auxiliary equipment to be used:

a. kelly cock
b. monitoring equipment on the mud system
c. a sub with a full opening valve will be available on the floor to stab into the drill pipe when the kelly is not in the string.

3000 psi psi Working Pressure BOP's



Test Procedure

1) Flush BOP's and all lines to be tested with water.
2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
3) Test the following to rated pressure:
   a) inside blowout preventer
   b) lower kelly cock
   c) upper kelly cock
   d) stand pipe valve
   e) lines to mud pump
   f) kill line to BOP's
4) Close and test pipe rams to rated pressure.
5) Close and test Hydril to rated pressure.
6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
7) Test all choke manifold valves to rated pressure.
8) Test kill line valves to rated pressure.

NE SW SW

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Nov. 22, 1977

Operator: Colorado Interstate Gas Exploration, Inc

Well No: Bitter Creek- State 6-16- 9-21

Location: Sec. 16 T. 9S R. 21E County: Uintah

File Prepared: /X/ *Entered on N.I.D.:* /__/

Card Indexed: /__/ *Completion Sheet:* /X/

API NUMBER: 43-047-30336

CHECKED BY:

Administrative Assistant [signature]

Remarks: Unit well

Petroleum Engineer [signature] → "Include This is a State lease, and as such it is not necessary to perform items 9 & 10 of 13 point surface use plan under BLM supervision

Remarks:

Director [signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: State *Survey Plat Required:* /__/

Order No. ________ /__/ *Surface Casing Change to* ________ /__/

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site /__/

O.K. Rule C-3 /__/ *O.K. In* Natural Buttes *Unit* /✓/

Other:

/✓/ *Letter Written/Approved*

CIG Exploration, Inc.
A Subsidiary of Coastal States Gas Corporation
2100 PRUDENTIAL PLAZA • P.O. BOX 749 • DENVER, COLORADO 80201 • (303) 572-1121

November 22, 1977

Mr. Pat Driscoll
State of Utah
Department of Natural Resources
Division of Oil & Gas & Maining
1588 West North Temple
Salt Lake City, Utah 84116

Re: CIGE 6-16-9-21
Section 16, T9S, R21E
Uintah County, Utah

Dear Mr. Driscoll:

In connection with the above-captioned well, please find enclosed three copies of the Application for Permit to Drill form, along with the proposed Gas Well Production Hookup, for your approval.

Very truly yours,

Frank R. Midkiff

F. R. Midkiff
District Superintendent

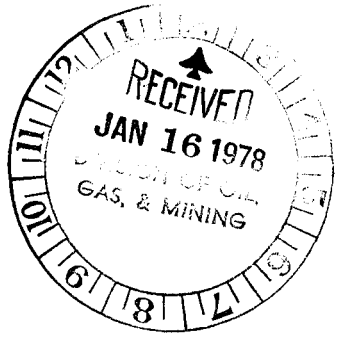
FRM/pm

Attachments

xc: Mr. Bill Martens,
U.S.G.S., Salt Lake City
Mr. J. A. Short
Mr. Karl Oden

CIG Exploration, Inc.
A Subsidiary of Coastal States Gas Corporation
2100 PRUDENTIAL PLAZA • P.O. BOX 749 • DENVER, COLORADO 80201 • (303) 572-1121

January 13, 1978



State of Utah
Department of Natural Resources
Division of Oil & Gas & Mining
1588 West N. Temple
Salt Lake City, Utah 84116

Gentlemen:

Re: CIGE 6-19-9-21
Section 19, T9S, R21E
Uintah County, Utah

Enclosed please find our Application to Drill the above-captioned well.

Plans to drill CIGE 6-16-9-2, (Section 16, T9S, R21E) have been terminated. Please cancel without prejudice our Application to Drill Permit #43-047-30336.

Very truly yours,

Margaret J. Dominy

Margaret J. Dominy
Assistant Production Analyst

MJD/pm

xc: J. A. Short